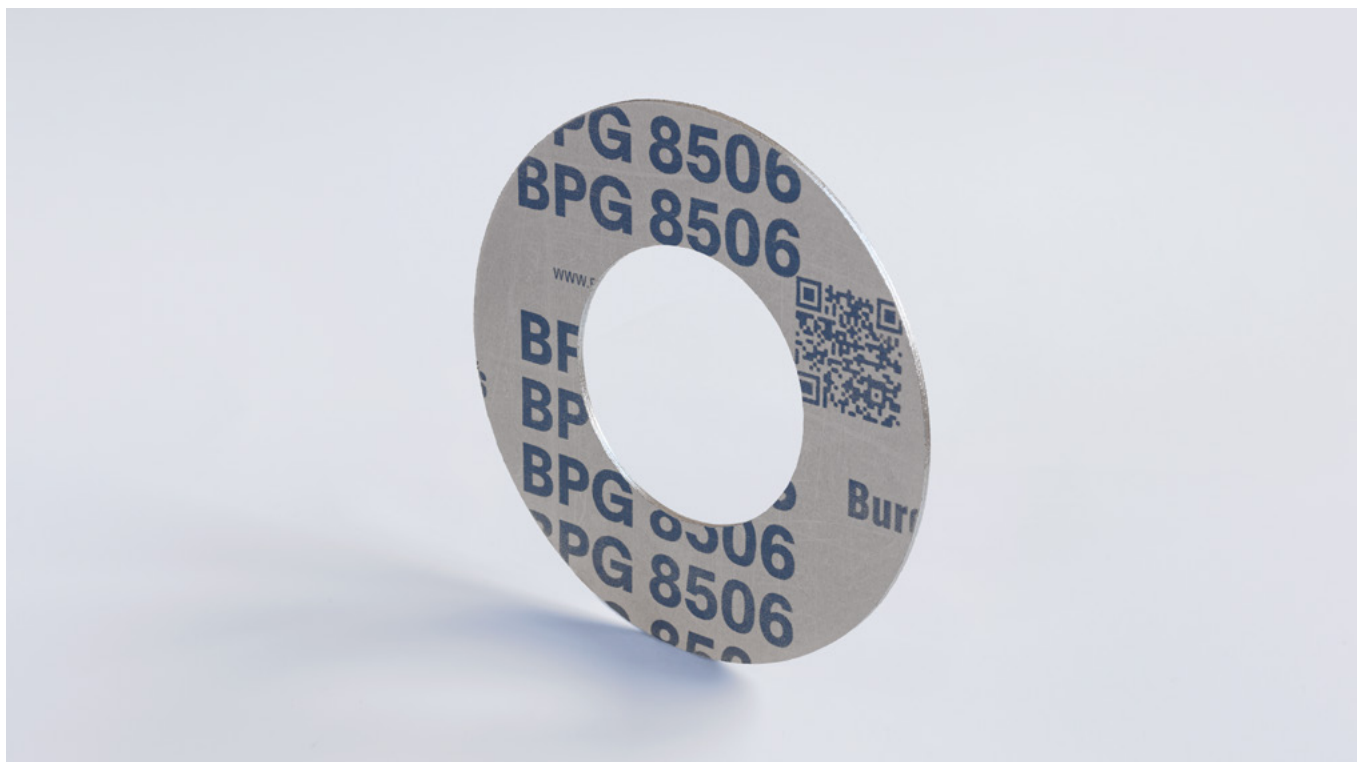


# BPG 8506



## PROPERTIES

BPG 8506 is a sheet made of expanded graphite reinforced by a flat stainless steel foil (316L – thickness 0.05 mm) which facilitates its handling properties.

## APPLICATIONS

Due to its high compressibility and good resistance to creep makes BPG 8506 suitable for demanding conditions in the petro-chemical, - process, - chemical, - power plant industries, especially for pumps, valves, compressors and flange connections.

## TYPICAL PHYSICAL PROPERTIES

Sheet Size	1000 × 1000 mm 1500 × 1500 mm on demand
Sheet Thickness	1.0 – 1.5 – 2.0 – 3.0 mm
Density	1.0 g/cm <sup>3</sup>
Carbon content	> 98%
Ash content	< 2%
Compressibility – ASTM F36 A	40 %
Recovery – ASTM F36A	12 %
Sulphur content	< 1200 ppm
Chlorine content	< 50 ppm

## OPERATION PARAMETERS

Temperature	– 200 °C up to + 500°C in steam + 550°C
Pressure	100 bar

## PRODUCT SPECIFICATIONS

Certifications/approvals	On demand
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## BENEFITS

- No hardening or ageing due to absence of binders
- Long term stability of compression and recovery against media

- Due to its insert easy handling and offers more safety during installation